



1646

SEQUENCE LISTING

<110> Bonnert, Timothy Peter

RECEIVED

<120> HUMAN VANILLOID RECEPTOR-LIKE RECEPTOR

APR 05 2001

<130> T1481

TECH CENTER 1600/2900

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 35 40 45
 Lys Phe Ala Pro Gln Ile Arg Val Asn Leu Asn Tyr Arg Lys Gly Thr
 50 55 60
 Gly Ala Ser Gln Pro Asp Pro Asn Arg Phe Asp Arg Asp Arg Leu Phe
 65 70 75 80
 Asn Ala Val Ser Arg Gly Val Pro Gly Ala Gly Gly Ala Thr Cys Thr
 85 90 95
 Gly Gly Cys Thr Gly Gly Ala Cys Thr Thr Cys Cys Ala Gly Ala Gly
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 Cys Thr Cys Gly Glu Asp Leu Ala Gly Leu Pro Glu Tyr Leu Ser Lys
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 Thr Ser Lys Tyr Leu Thr Asp Ser Glu Tyr Thr Glu Gly Ser Thr Gly
 165 170 175
 Lys Thr Cys Leu Met Lys Ala Val Leu Asn Leu Lys Asp Gly Val Asn
 180 185 190
 Ala Cys Ile Leu Pro Leu Leu Gln Ile Asp Arg Asp Ser Gly Asn Pro
 195 200 205
 Gln Pro Leu Val Asn Ala Gln Cys Thr Asp Asp Tyr Tyr Arg Gly His
 210 215 220
 Ser Ala Leu His Ile Ala Ile Glu Lys Arg Ser Leu Gln Cys Val Lys
 225 230 235 240
 Leu Leu Val Glu Asn Gly Ala Asn Val His Ala Arg Ala Cys Gly Arg
 245 250 255
 Phe Phe Gln Lys Gly Gln Gly Thr Cys Phe Tyr Phe Gly Glu Leu Pro
 260 265 270
 Leu Ser Leu Ala Ala Cys Thr Lys Gln Trp Asp Val Val Ser Tyr Leu
 275 280 285

Leu Glu Asn Pro His Gln Pro Ala Ser Leu Gln Ala Thr Asp Ser Gln
 290 295 300
 Gly Asn Thr Val Leu His Ala Leu Val Met Ile Ser Asp Asn Ser Ala
 305 310 315 320
 Glu Asn Ile Ala Leu Val Thr Ser Met Tyr Asp Gly Leu Leu Gln Ala
 325 330 335
 Gly Ala Arg Leu Cys Pro Thr Val Gln Leu Glu Asp Ile Arg Asn Leu
 340 345 350
 Gln Asp Leu Thr Pro Leu Lys Leu Ala Ala Lys Glu Gly Lys Ile Glu
 355 360 365
 Ile Phe Arg His Ile Leu Gln Arg Glu Phe Ser Gly Leu Ser His Leu
 370 375 380
 Ser Arg Lys Phe Thr Glu Trp Cys Tyr Gly Pro Val Arg Val Ser Leu
 385 390 395 400
 Tyr Asp Leu Ala Ser Val Asp Ser Cys Glu Glu Asn Ser Val Leu Glu
 405 410 415
 Ile Ile Ala Phe His Cys Lys Ser Pro His Arg His Arg Met Val Val
 420 425 430
 Leu Glu Pro Leu Asn Lys Leu Leu Gln Ala Lys Trp Asp Leu Leu Ile
 435 440 445
 Pro Lys Phe Phe Leu Asn Phe Leu Cys Asn Leu Ile Tyr Met Phe Ile
 450 455 460
 Phe Thr Ala Val Ala Tyr His Gln Pro Thr Leu Lys Lys Gln Ala Ala
 465 470 475 480
 Pro His Leu Lys Ala Glu Val Gly Asn Ser Met Leu Leu Thr Gly His
 485 490 495
 Ile Leu Ile Leu Leu Gly Gly Ile Tyr Leu Leu Val Gly Gln Leu Trp
 500 505 510
 Tyr Phe Trp Arg Arg His Val Phe Ile Trp Ile Ser Phe Ile Asp Ser
 515 520 525
 Tyr Phe Glu Ile Leu Phe Leu Phe Gln Ala Leu Leu Thr Val Val Ser
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 Gln Val Leu Cys Phe Leu Ala Ile Glu Trp Tyr Leu Pro Leu Leu Val
 545 550 555 560
 Ser Ala Leu Val Leu Gly Trp Leu Asn Leu Leu Tyr Tyr Thr Arg Gly
 565 570 575
 Phe Gln His Thr Gly Ile Tyr Ser Val Met Ile Gln Lys Val Ile Leu
 580 585 590
 Arg Asp Leu Leu Arg Phe Leu Leu Ile Tyr Leu Val Phe Leu Phe Gly
 595 600 605
 Phe Ala Val Ala Leu Val Ser Leu Ser Gln Glu Ala Trp Arg Pro Glu
 610 615 620
 Ala Pro Thr Gly Pro Asn Ala Thr Glu Ser Val Gln Pro Met Glu Gly
 625 630 635 640
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 645 650 655
 Ser Leu Glu Leu Phe Lys Phe Thr Ile Gly Met Gly Glu Leu Ala Phe
 660 665 670
 Gln Glu Gln Leu His Phe Arg Gly Met Val Leu Leu Leu Leu Ala
 675 680 685
 Tyr Val Leu Leu Thr Tyr Ile Leu Leu Leu Asn Met Leu Ile Ala Leu
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 Met Ser Glu Thr Val Asn Ser Val Ala Thr Asp Ser Trp Ser Ile Trp
 705 710 715 720
 Lys Leu Gln Lys Ala Ile Ser Val Leu Glu Met Glu Asn Gly Tyr Trp

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740	745	750	
Lys Pro Asp Gly Ser Pro Asp Glu Arg Trp Cys Phe Arg Val Glu Glu			
755	760	765	
Val Asn Trp Ala Ser Trp Glu Gln Thr Leu Pro Thr Leu Cys Glu Asp			
770	775	780	
Pro Ser Gly Ala Gly Val Pro Arg Thr Leu Glu Asn Pro Val Leu Ala			
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